

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

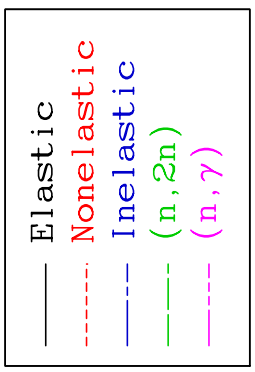
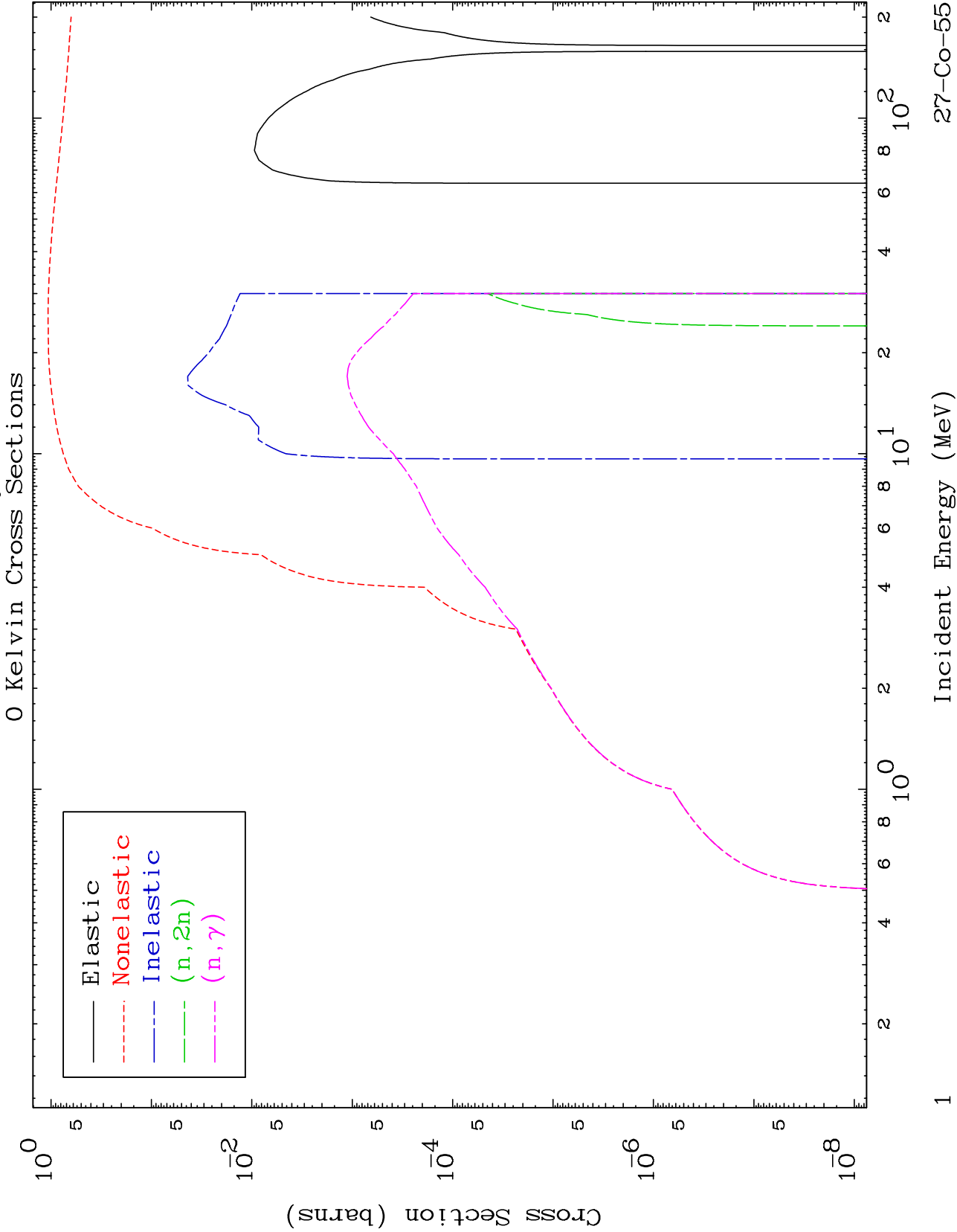
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2713

Proton Major

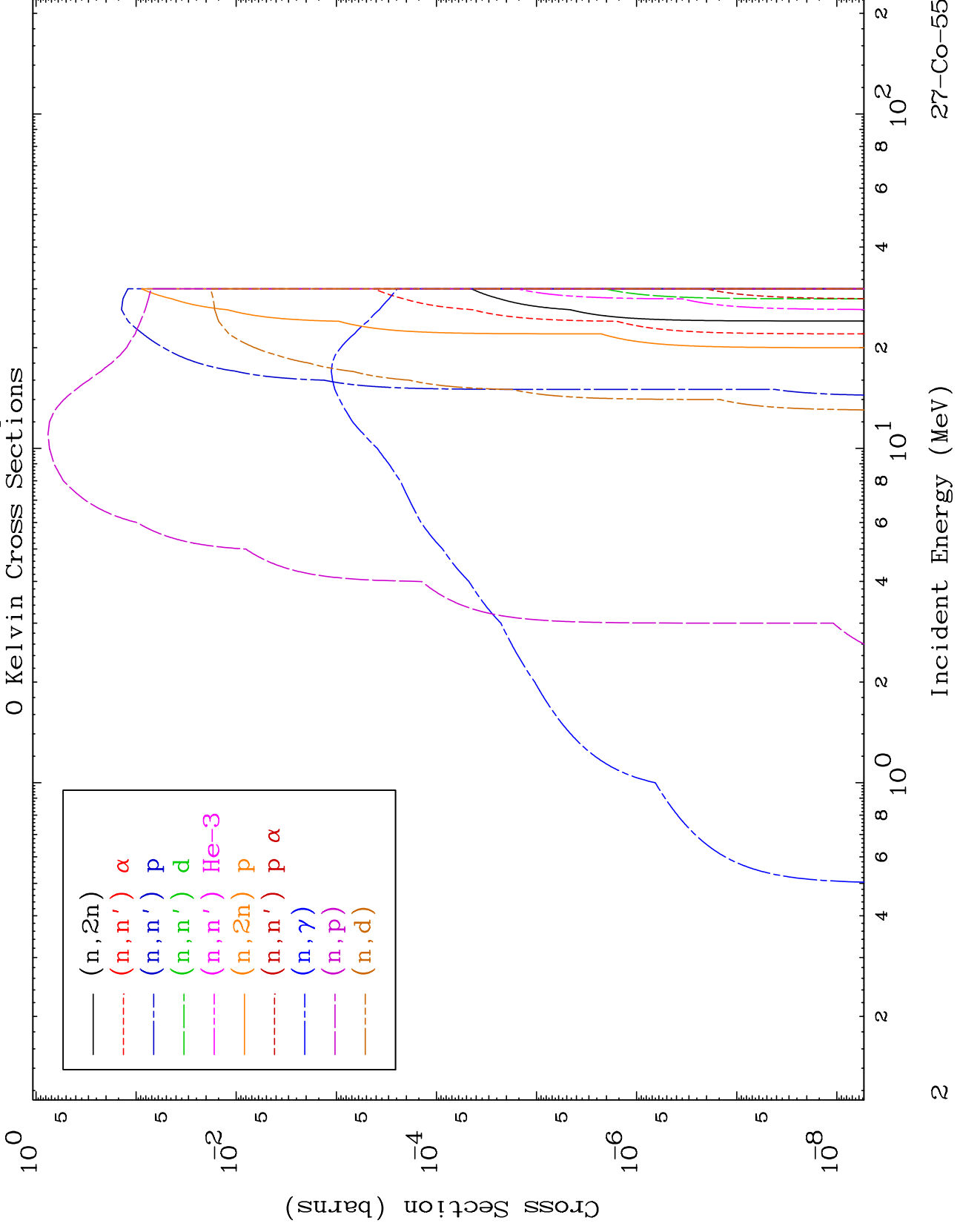
27-Co-55



MAT 2713

Proton Neutron Absorption
0 Kelvin Cross Sections

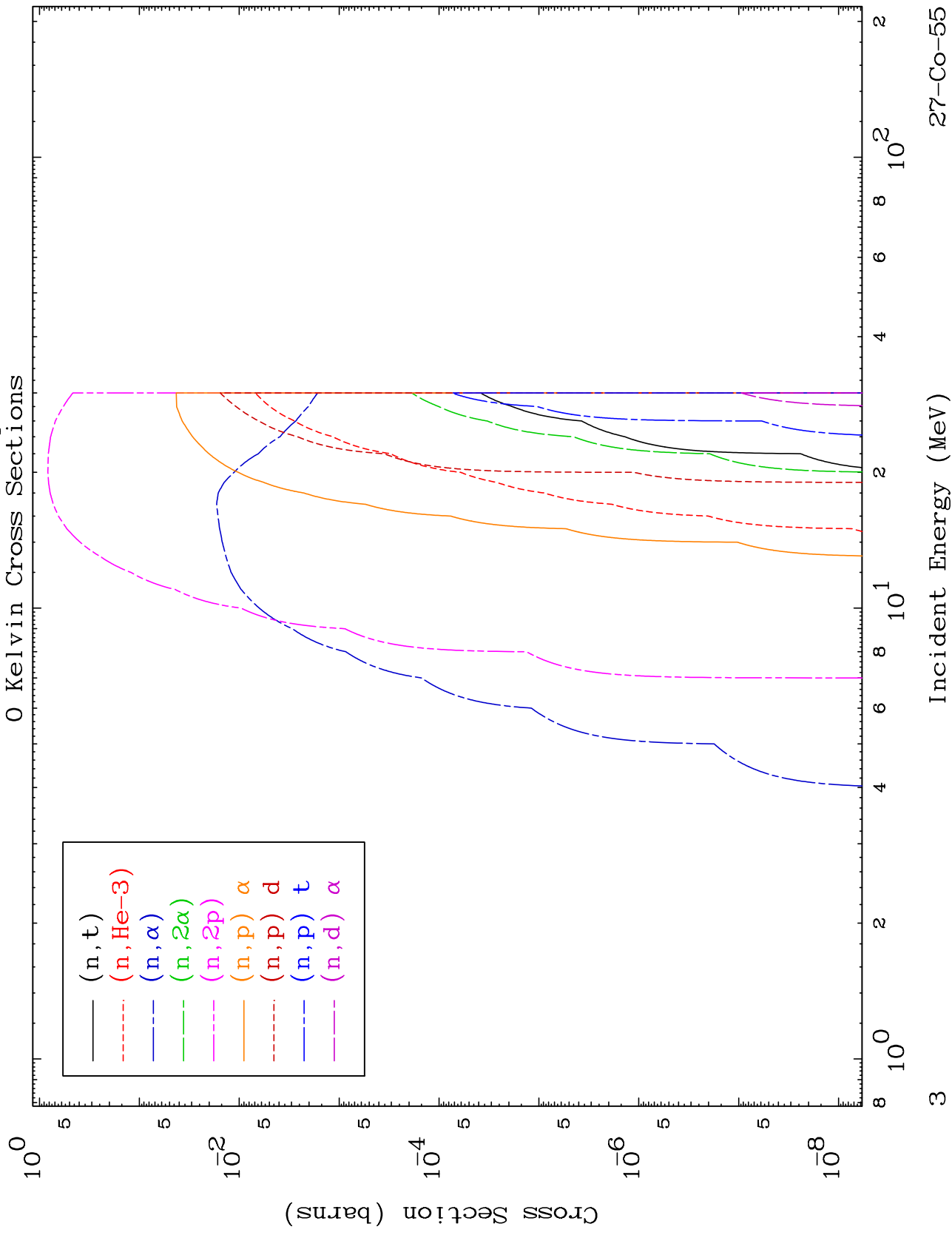
27-Co-55



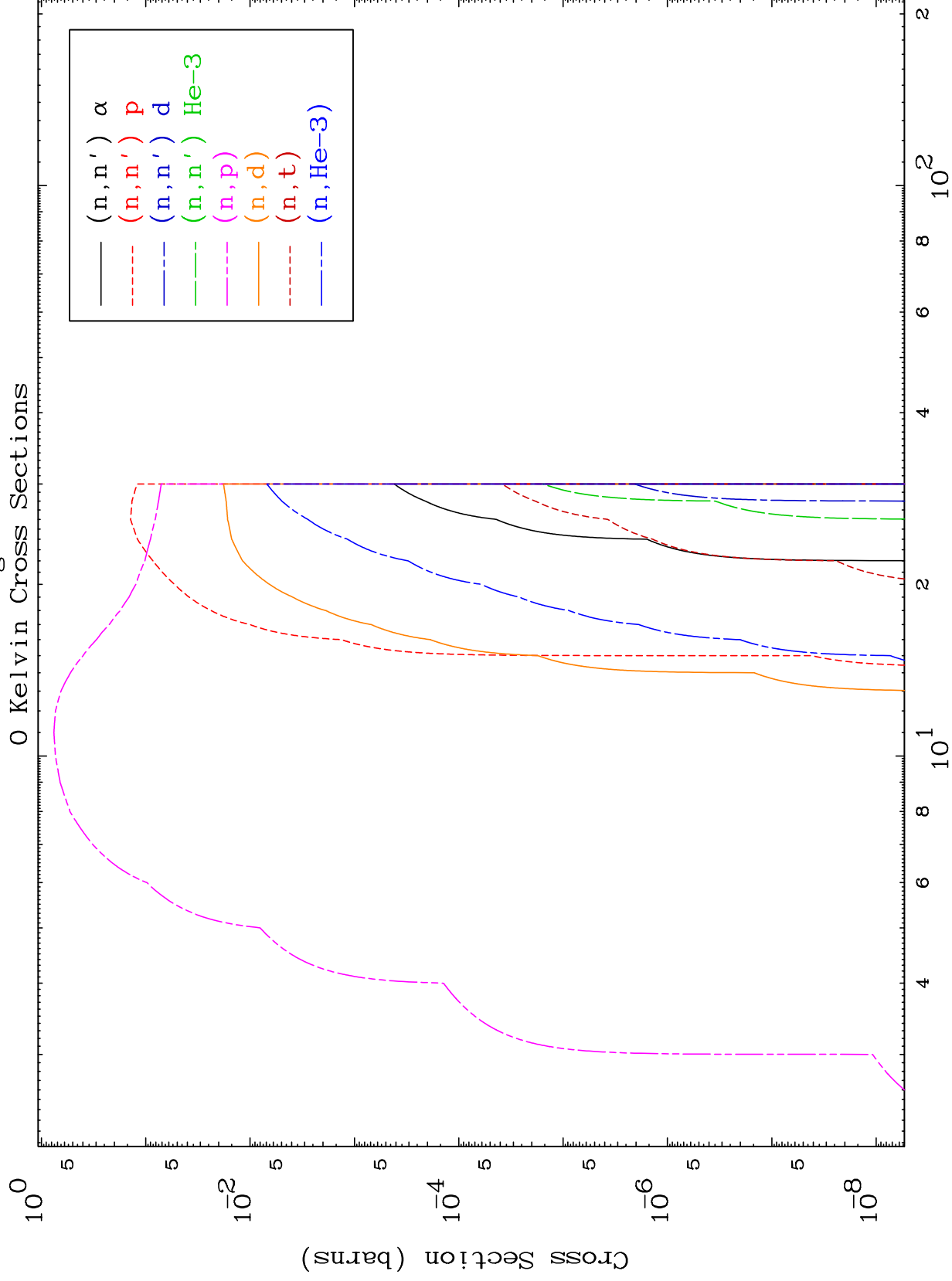
MAT 2713

Proton Neutron Absorption
0 Kelvin Cross Sections

27-Co-55



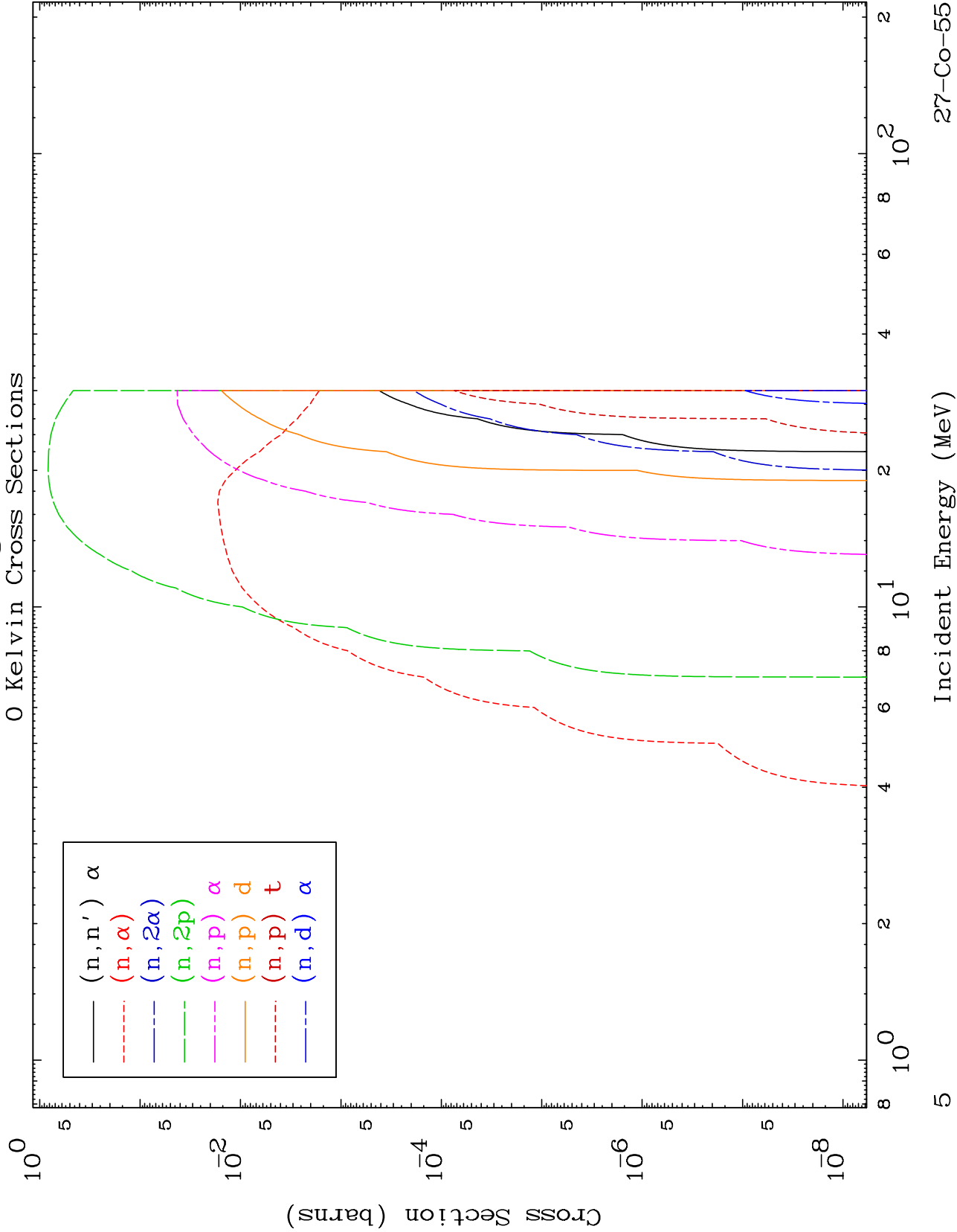
3



MAT 2713

Proton Charged Particle
0 Kelvin Cross Sections

27-Co-55



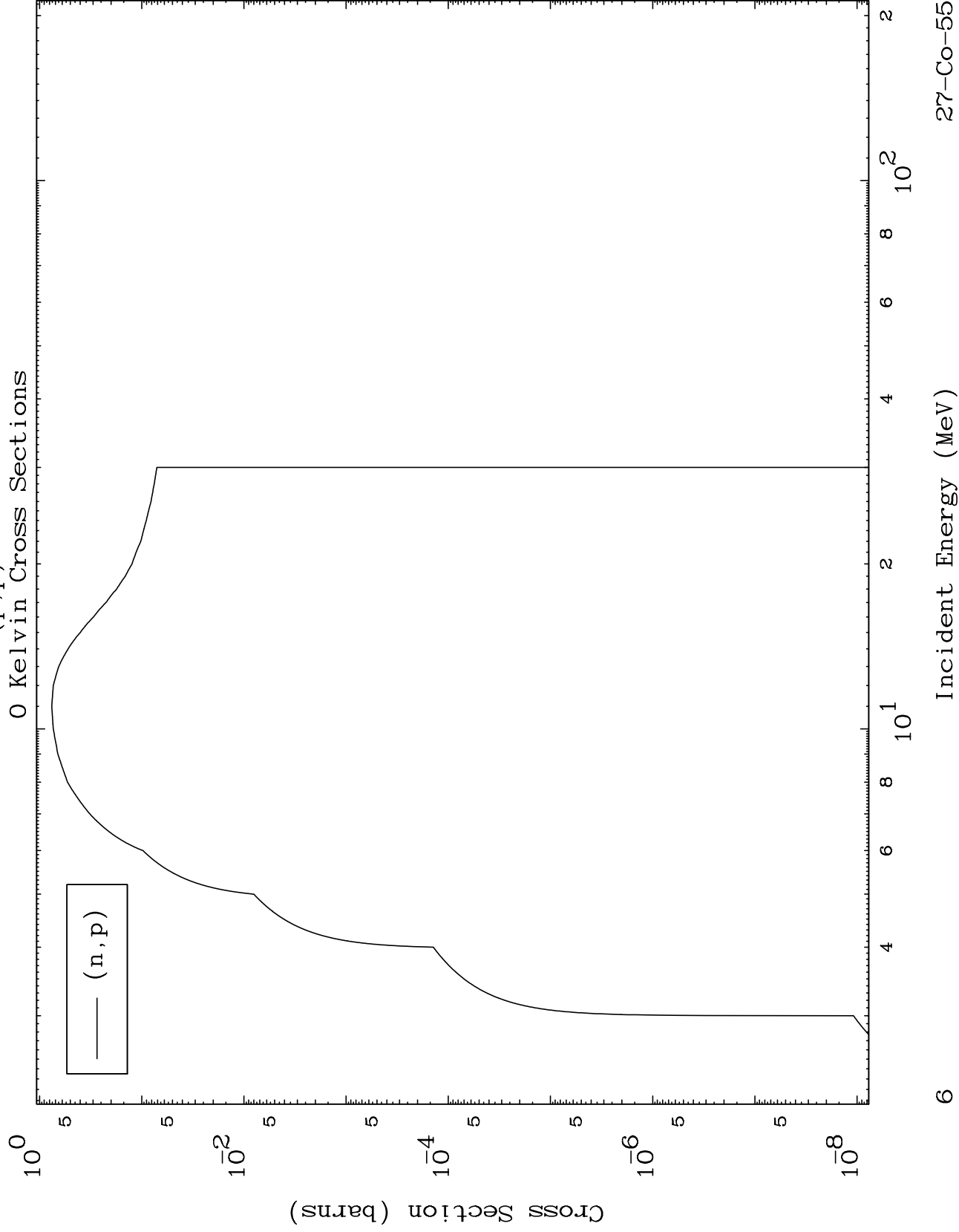
27-Co-55

Incident Energy (MeV)

MAT 2713

(p,p) Levels

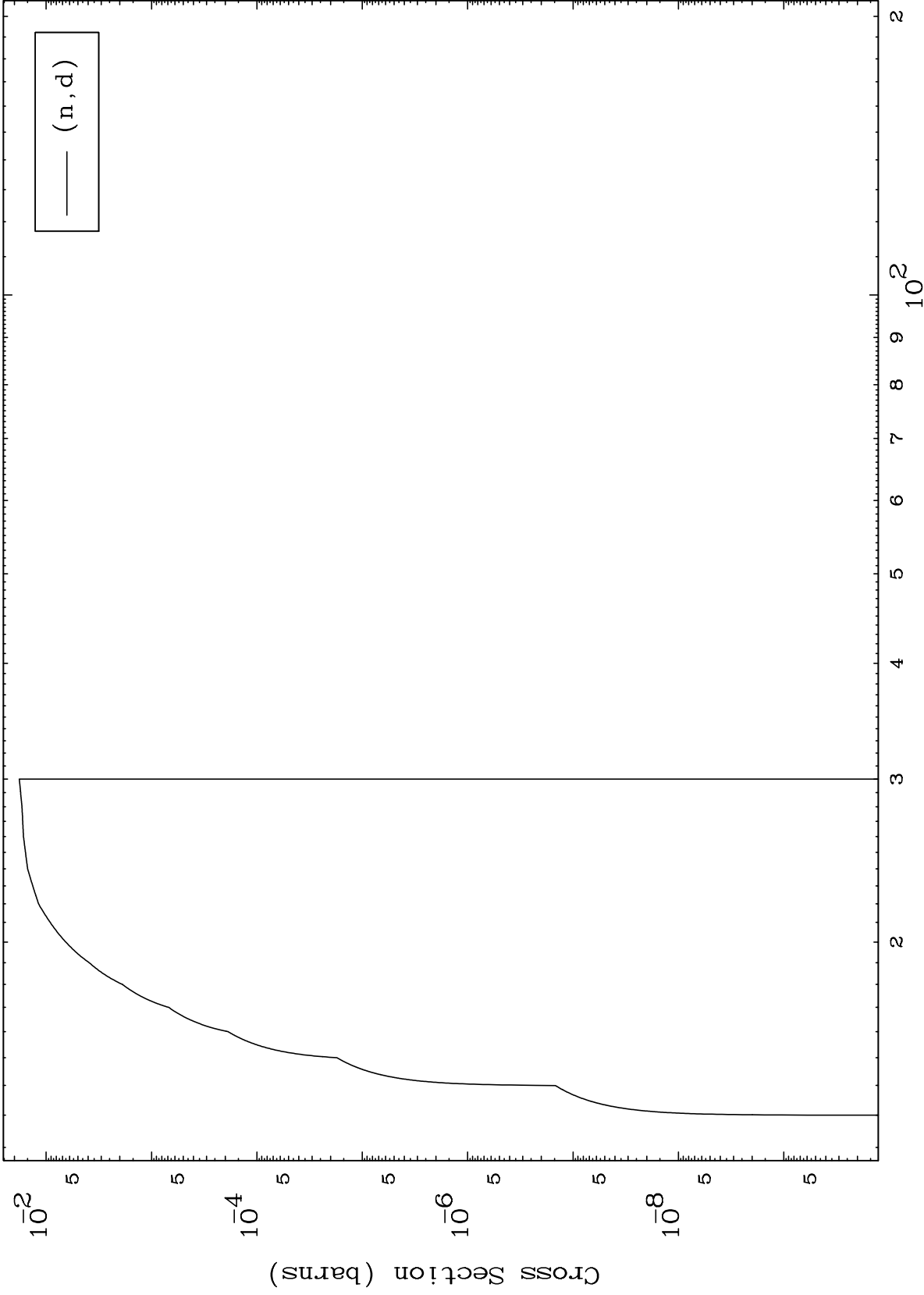
27-Co-55



MAT 2713

(p,d) Levels
0 Kelvin Cross Sections

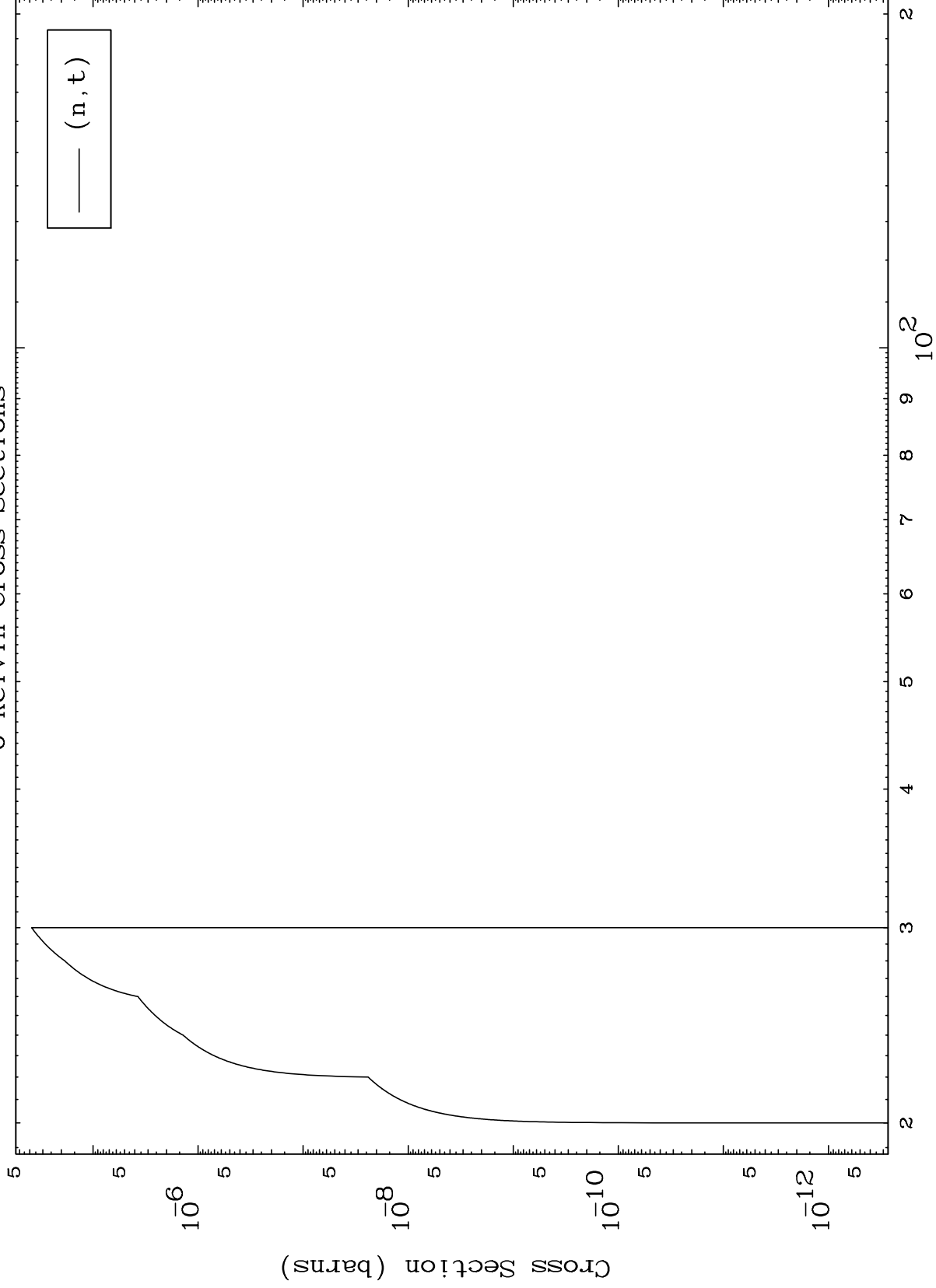
27-Co-55



MAT 2713

(p,t) Levels
0 Kelvin Cross Sections

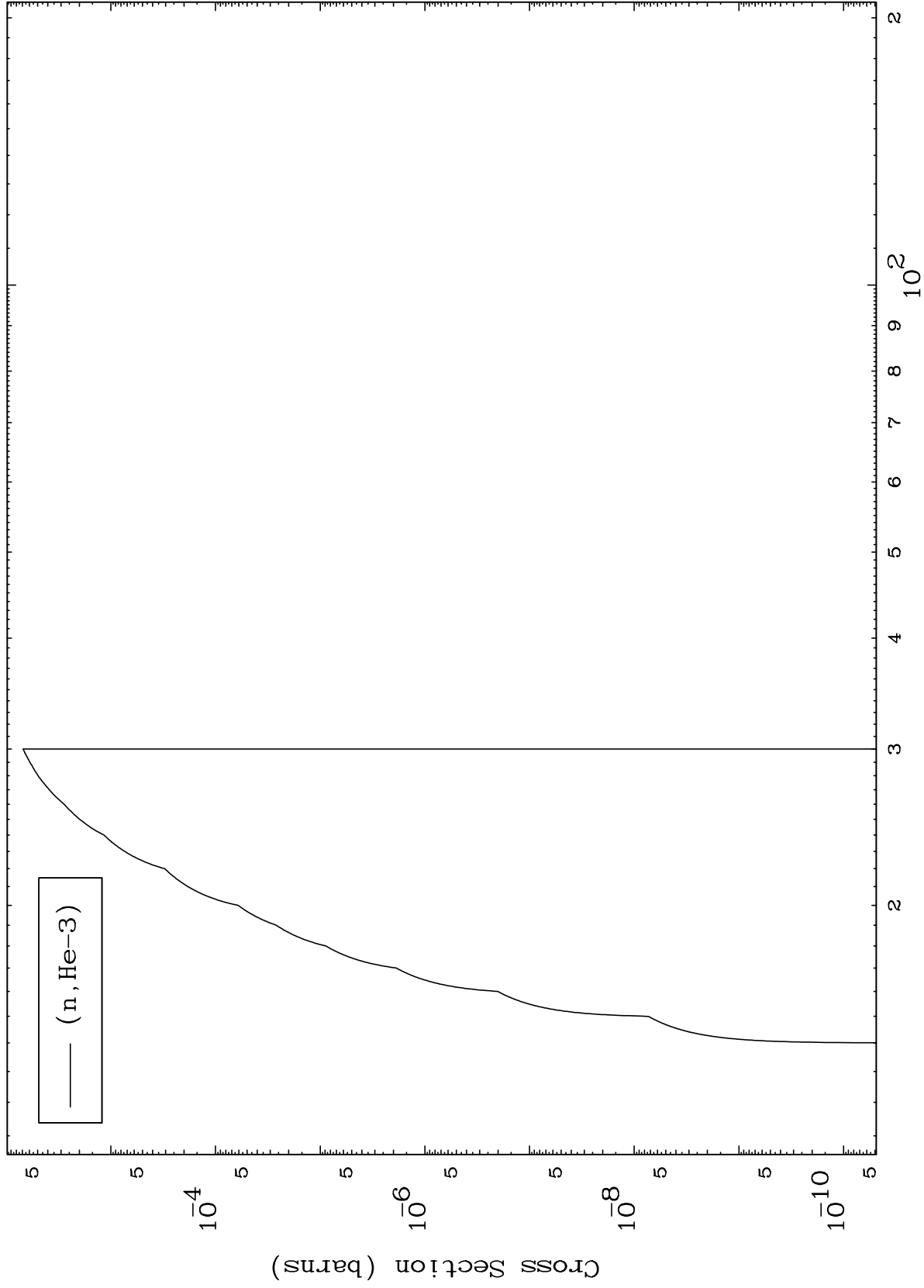
27-Co-55



8

Incident Energy (MeV)

27-Co-55

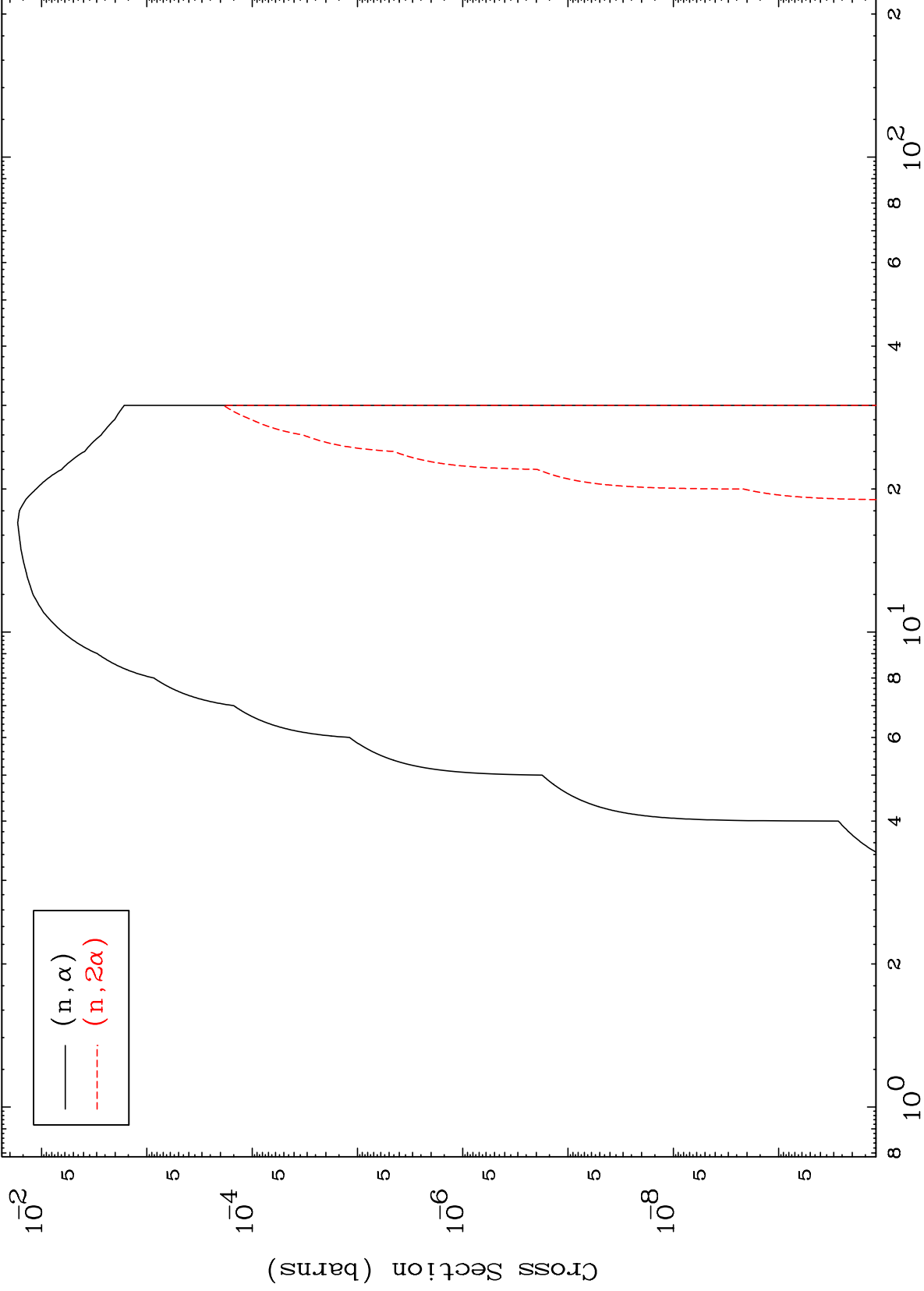


MAT 2713

(p, α) Levels

²⁷Co-55

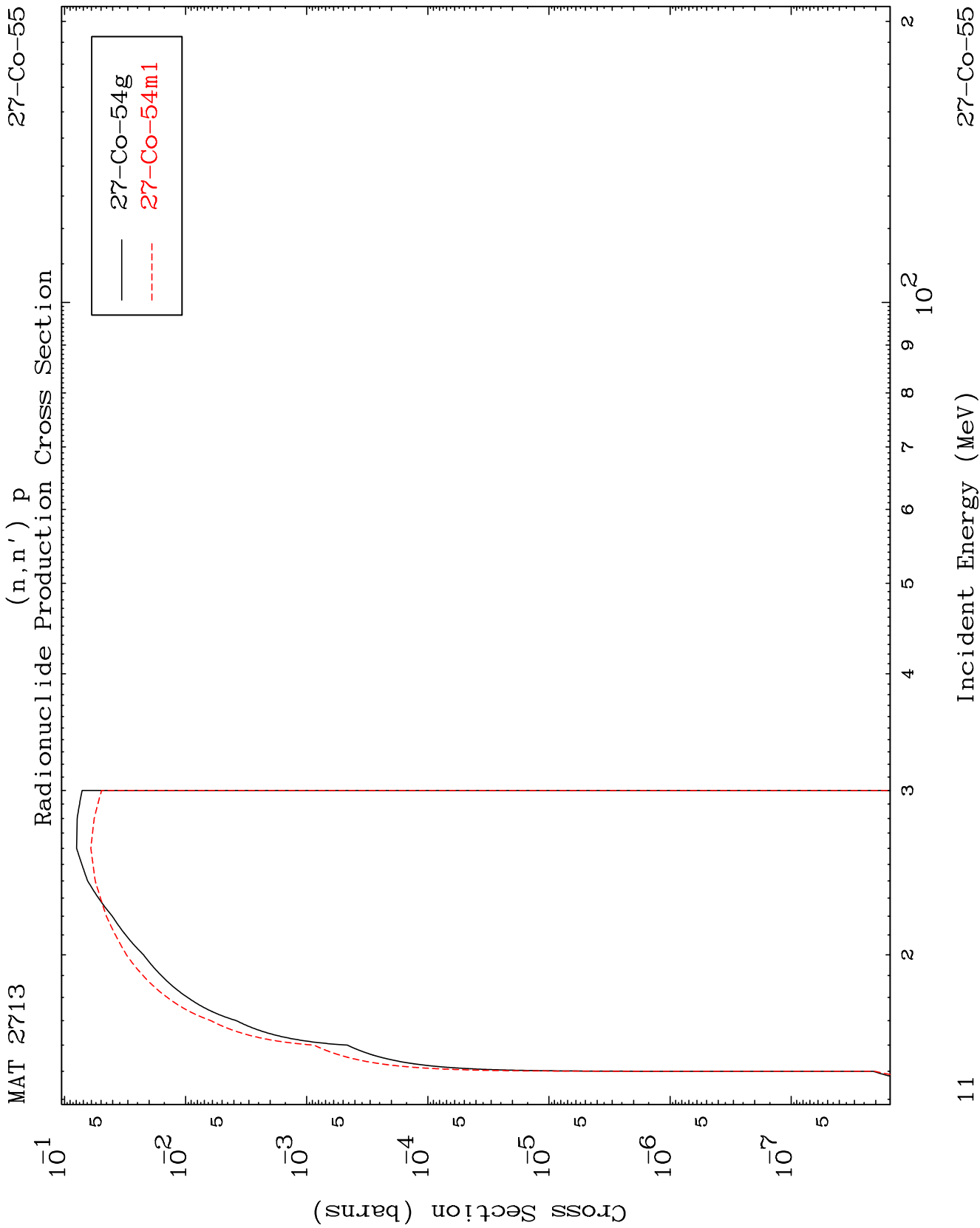
0 Kelvin Cross Sections



10

Incident Energy (MeV)

²⁷Co-55

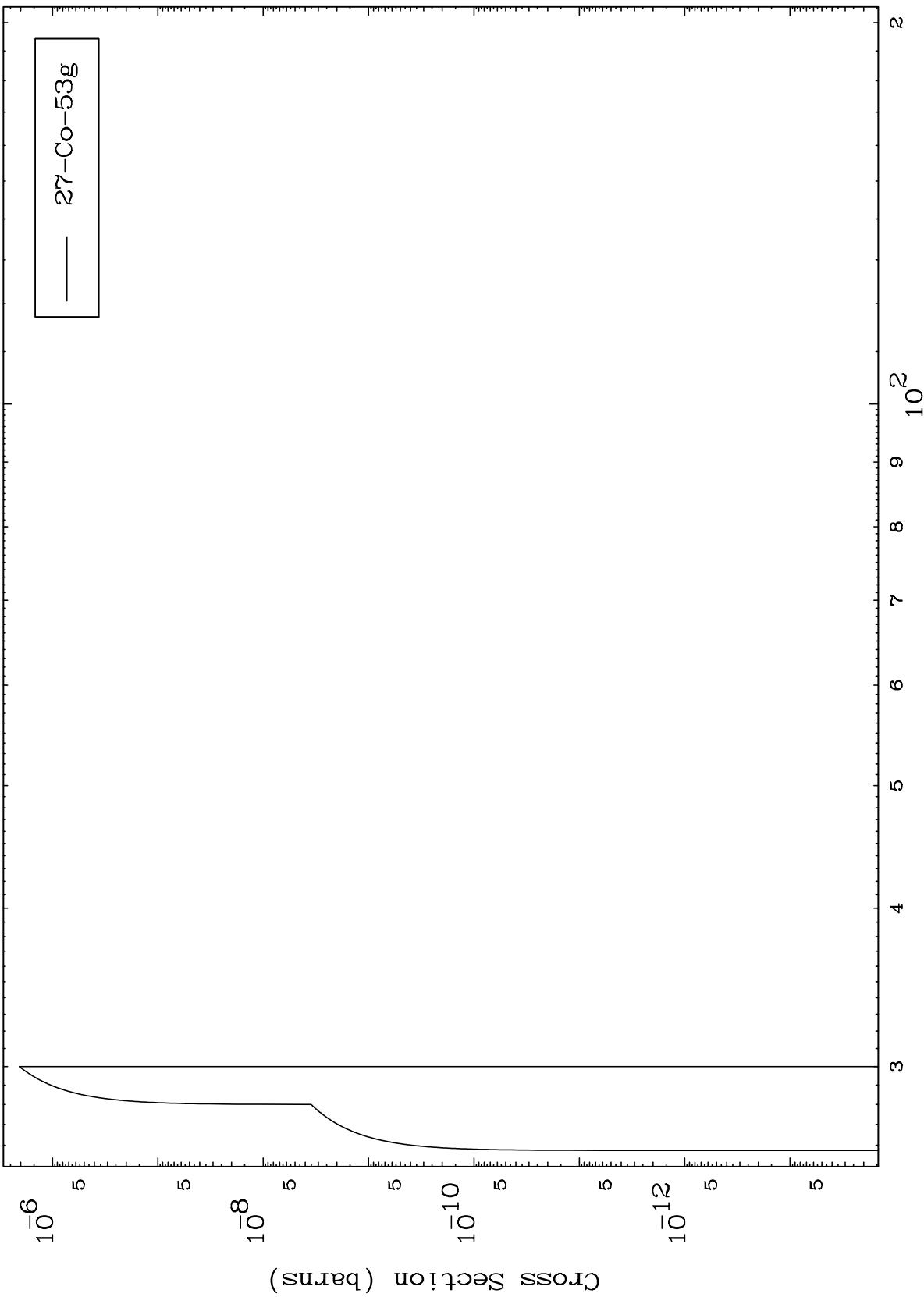


MAT 2713

(n,n') d

27-Co-55

Radionuclide Production Cross Section



12

Incident Energy (MeV)

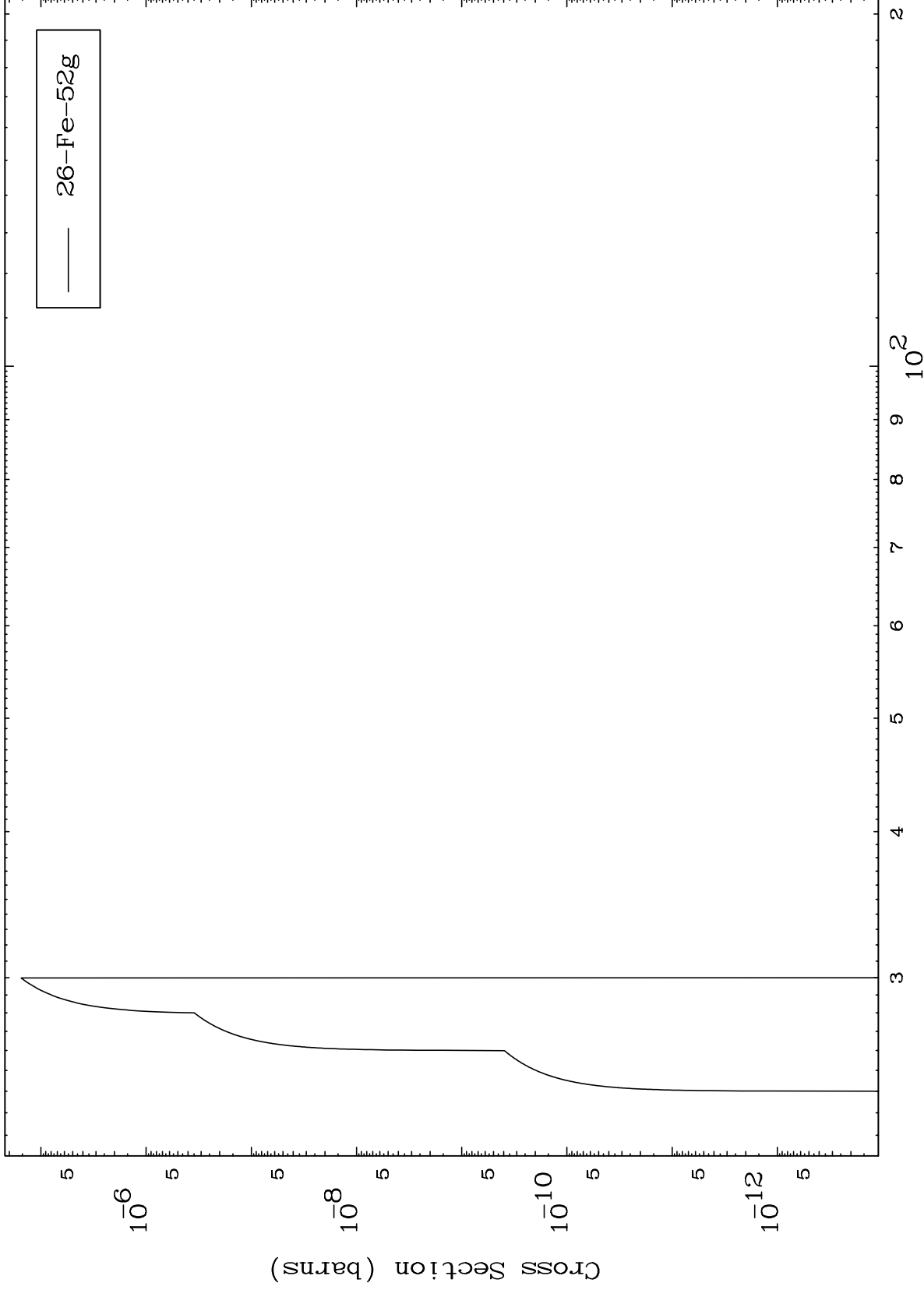
27-Co-55

MAT 2713

(n,n') He-3

27-Co-55

Radionuclide Production Cross Section



13

Incident Energy (MeV)

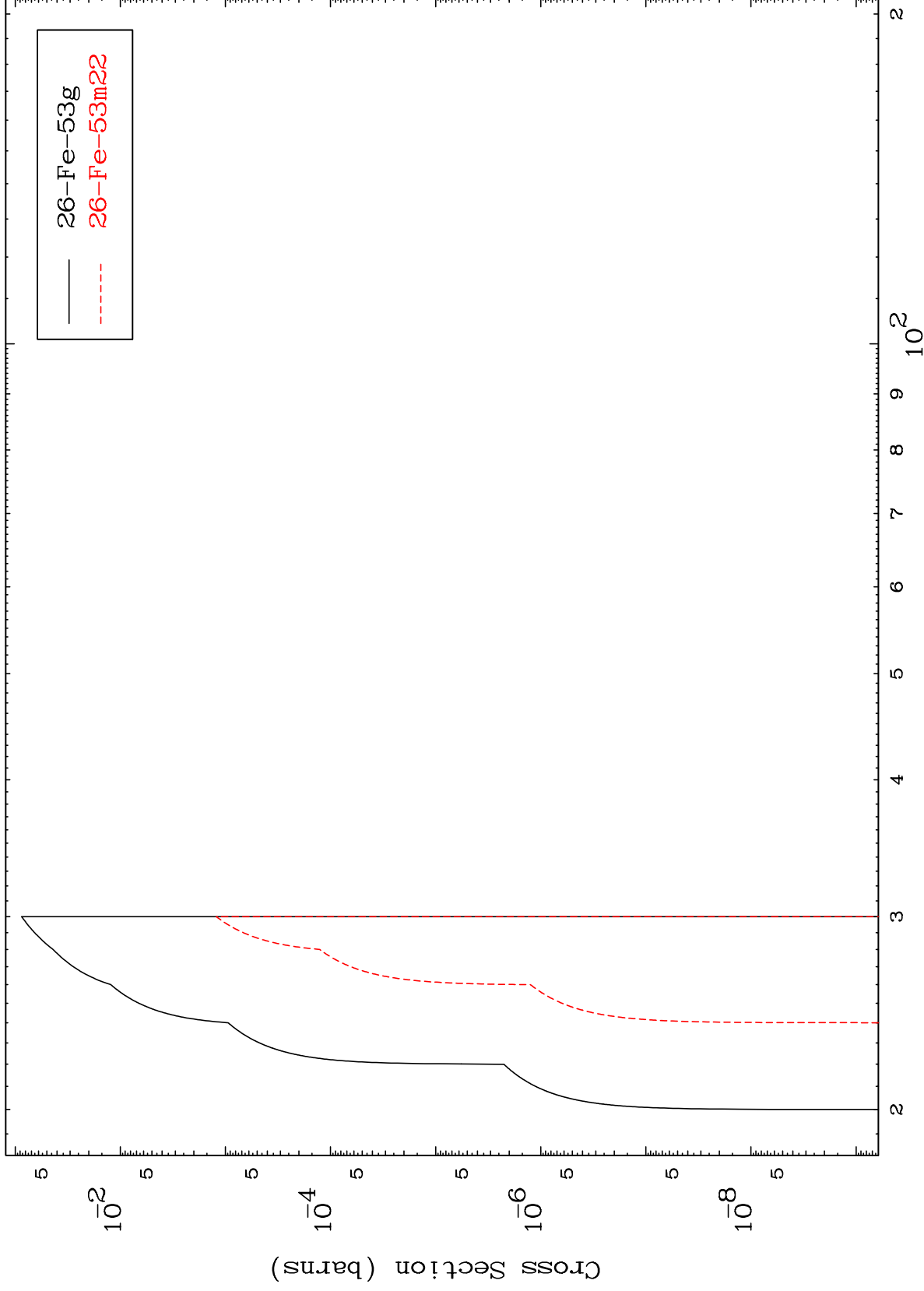
27-Co-55

MAT 2713

(n,2n) p

27-Co-55

Radionuclide Production Cross Section



14

Incident Energy (MeV)

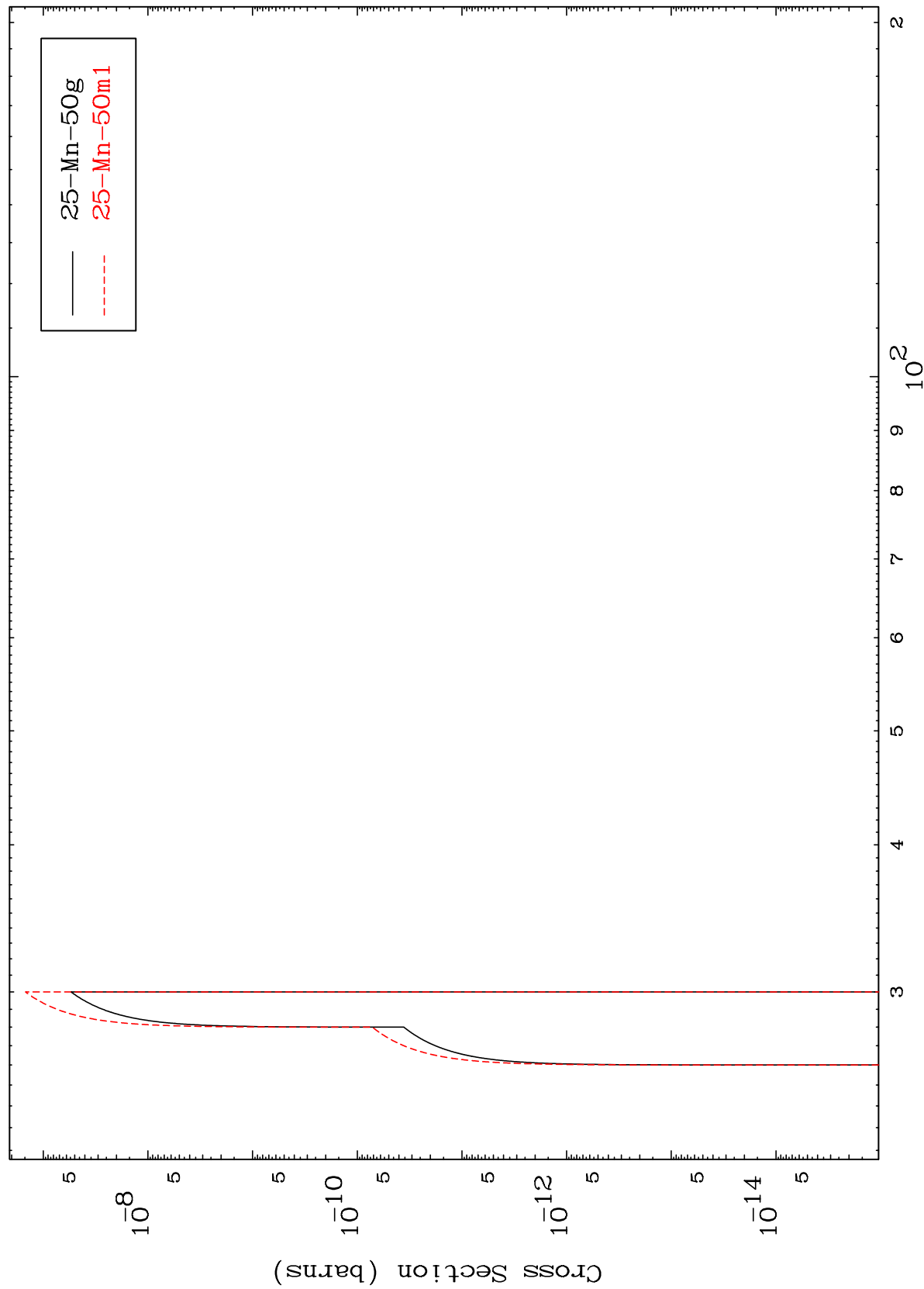
27-Co-55

MAT 2713

(n,n') p α

27-Co-55

Radionuclide Production Cross Section



15

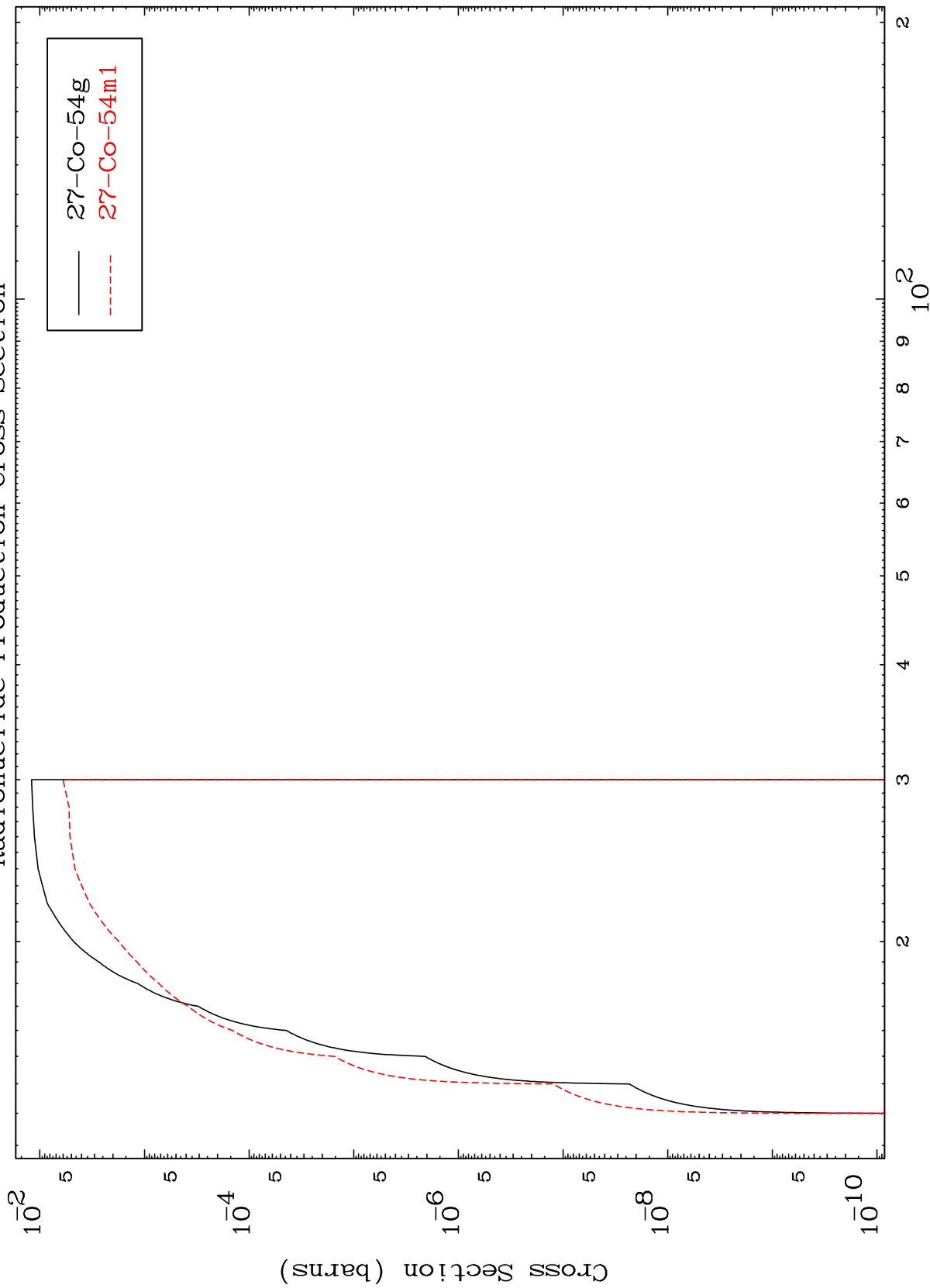
Incident Energy (MeV)

27-Co-55

MAT 2713

²⁷Co-55

(n,d)
Radionuclide Production Cross Section



16

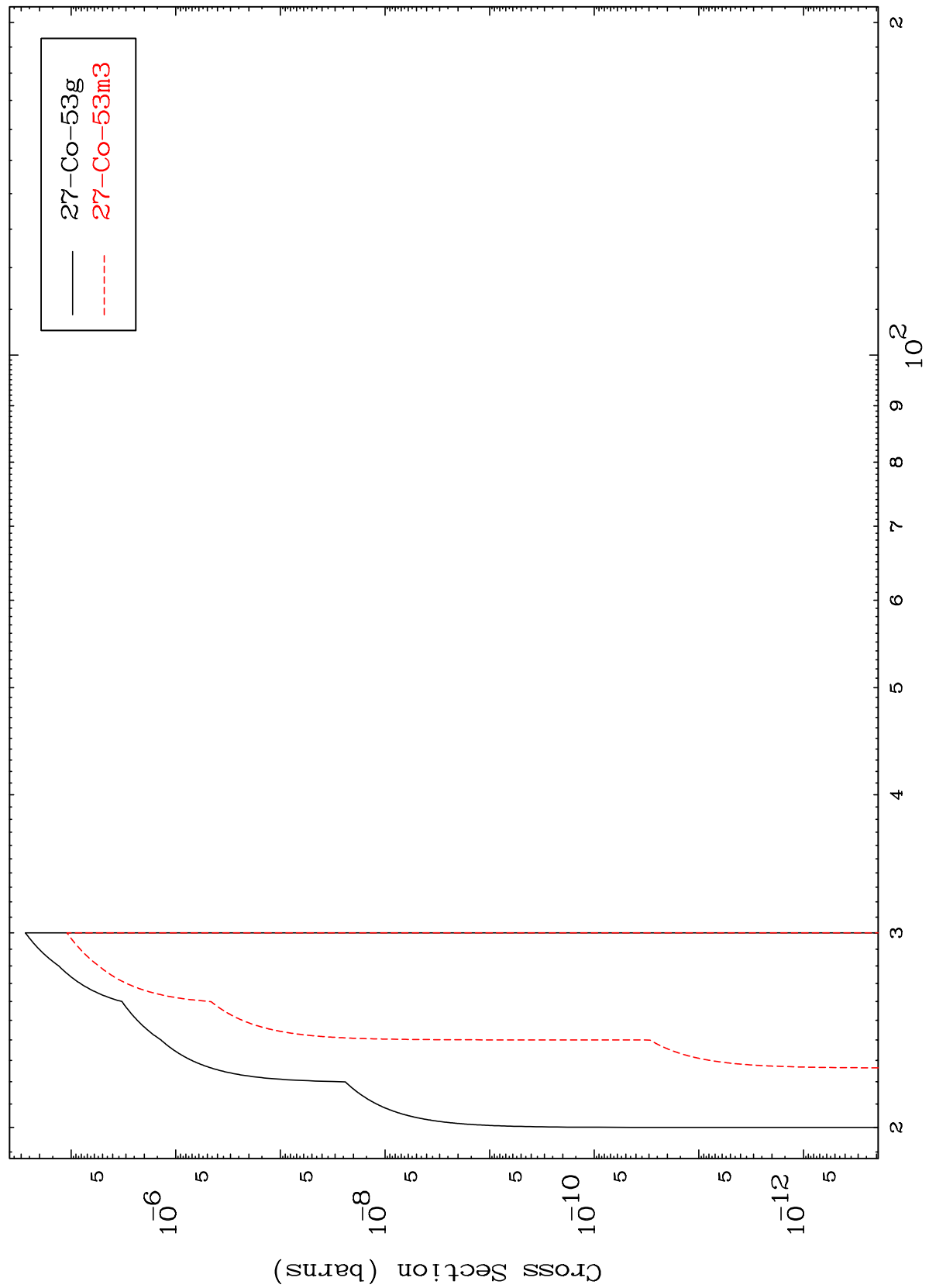
Incident Energy (MeV)

²⁷Co-55

MAT 2713

27-Co-55

(n,t)
Radionuclide Production Cross Section



— 27-Co-53g
- - - 27-Co-53m3

17

Incident Energy (MeV)

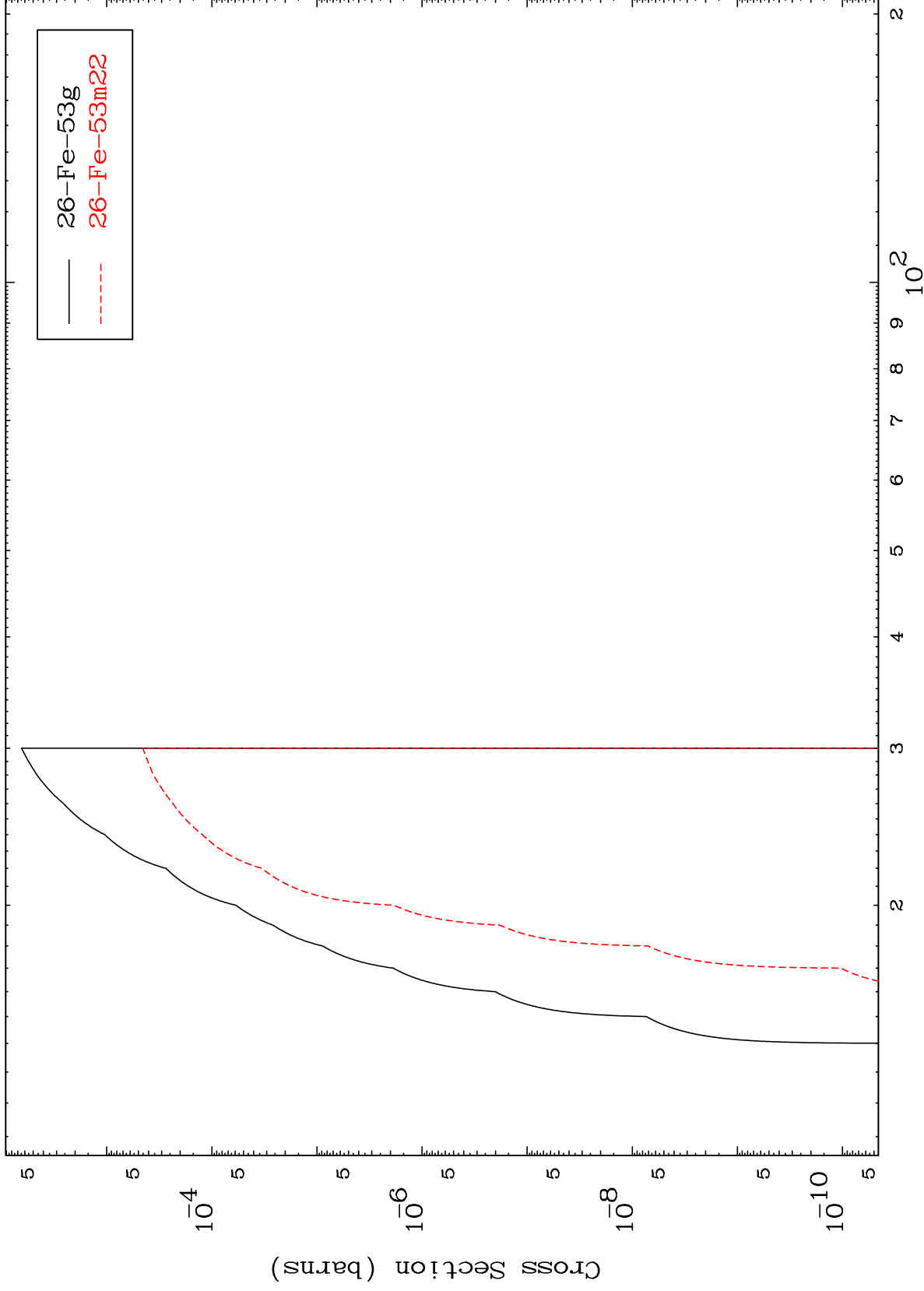
27-Co-55

MAT 2713

(n,He-3)

27-Co-55

Radionuclide Production Cross Section



18

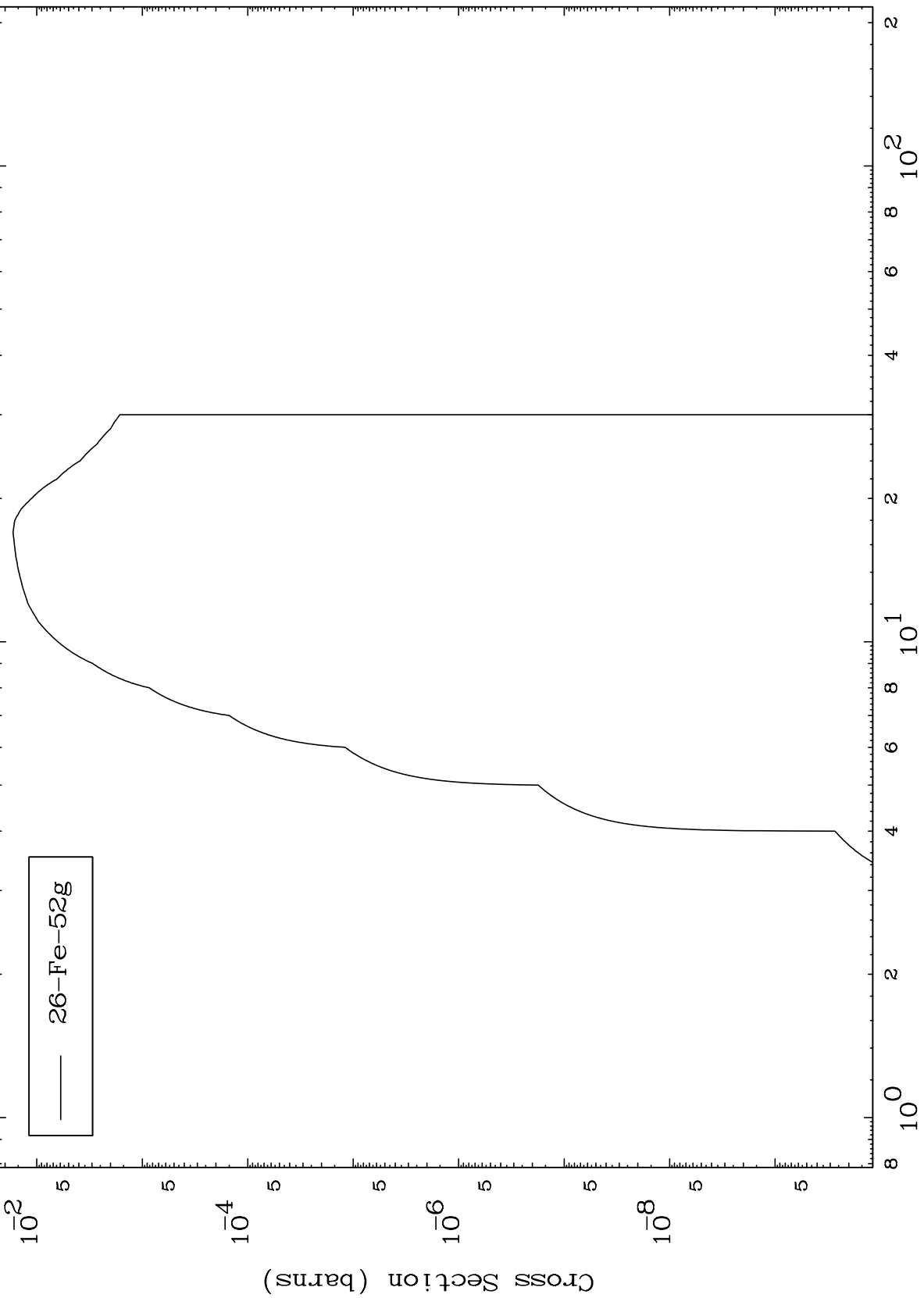
Incident Energy (MeV)

27-Co-55

MAT 2713

²⁷Co-55

Radionuclide Production Cross Section



Incident Energy (MeV)

²⁷Co-55

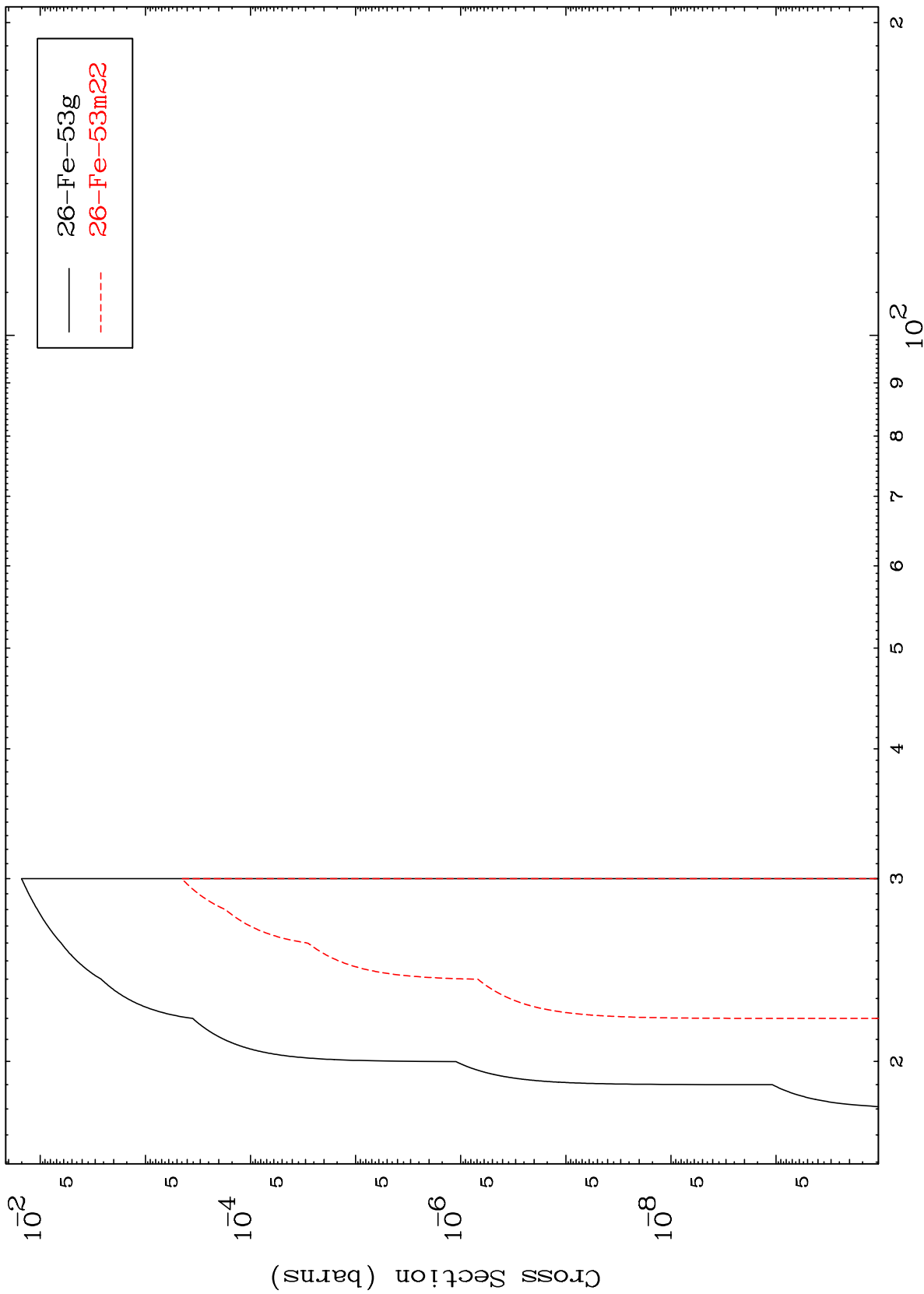
19

MAT 2713

(n,p) d

27-Co-55

Radionuclide Production Cross Section



20

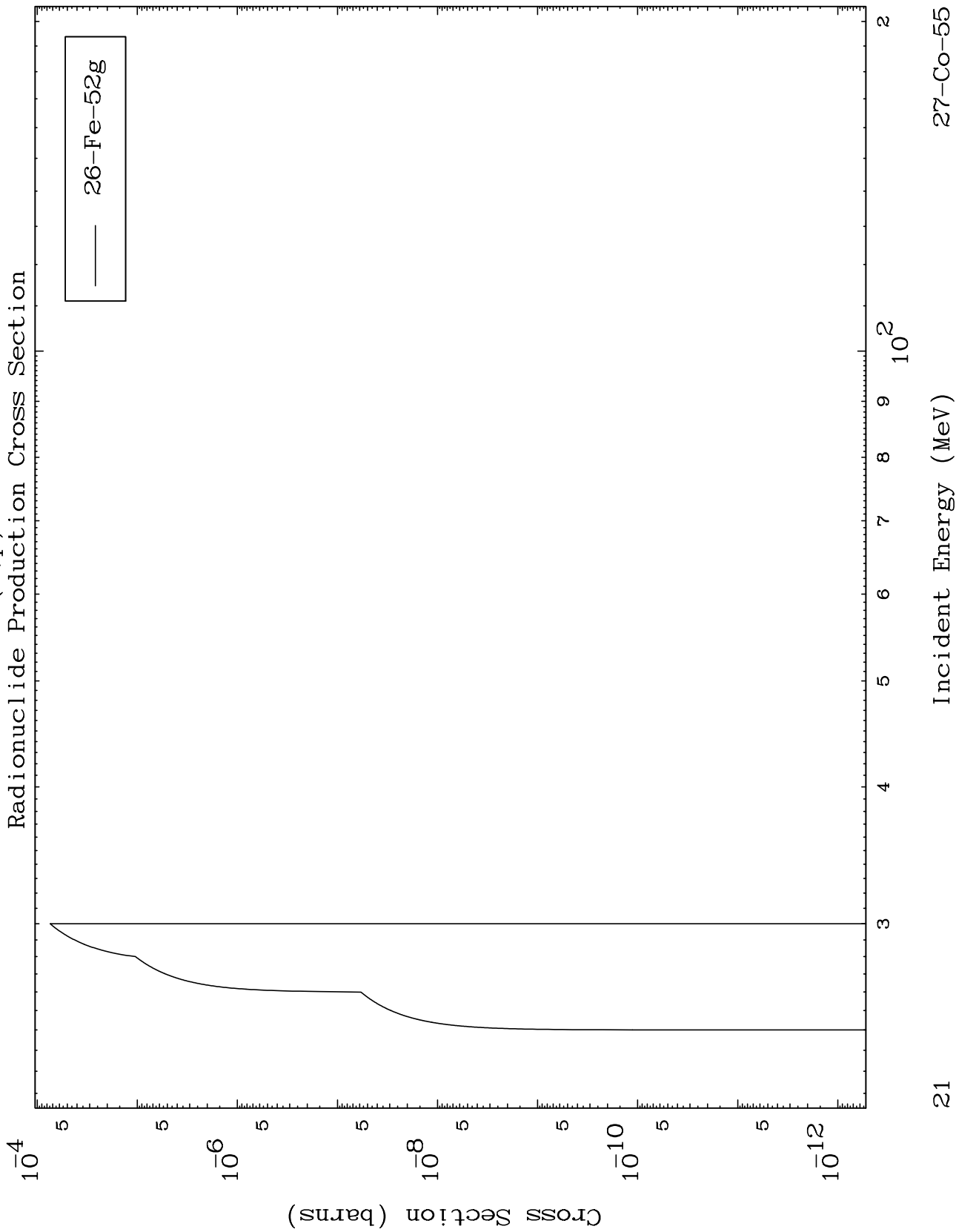
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,p) t

27-Co-55

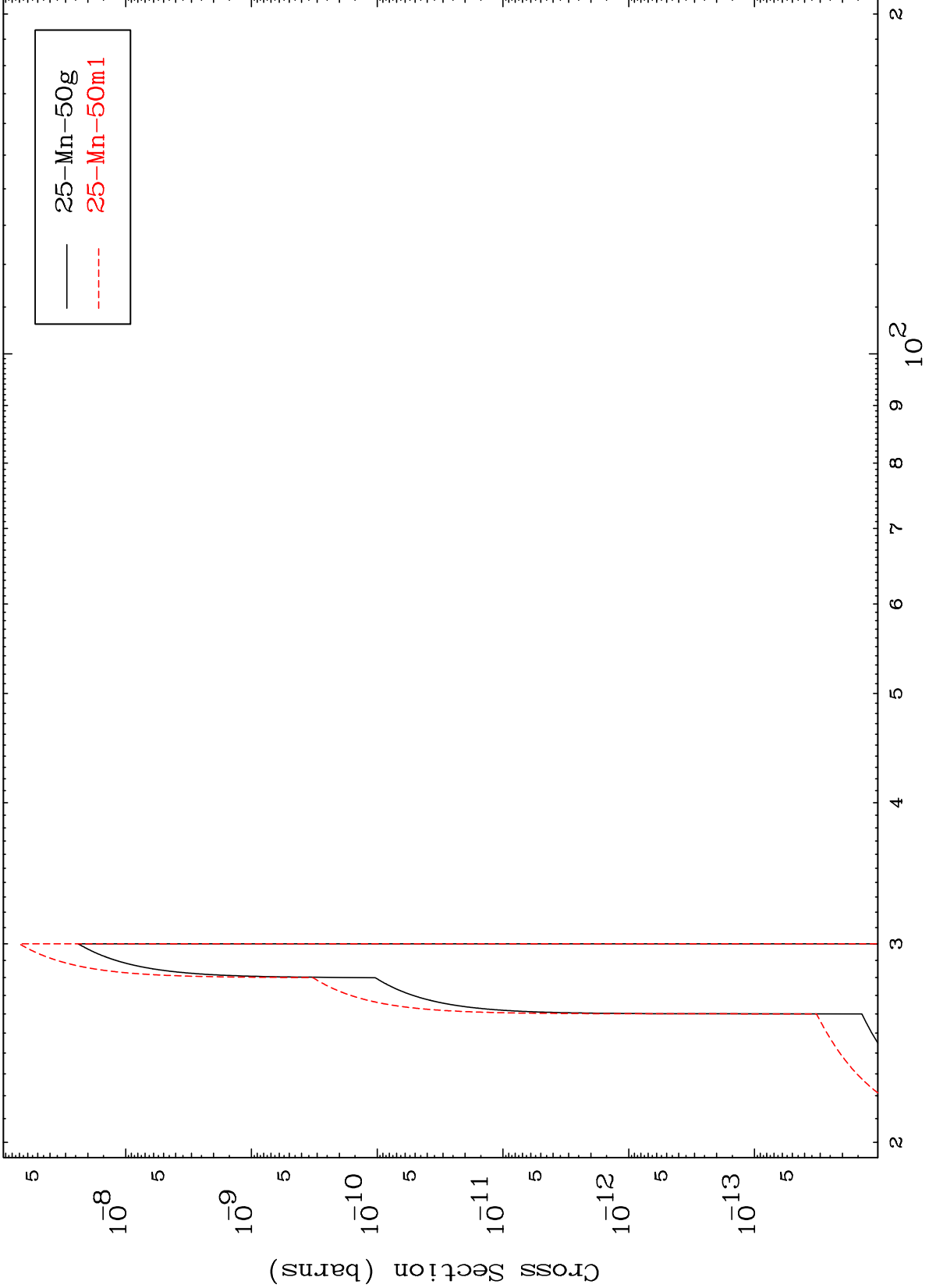


MAT 2713

(n,d) α

27-Co-55

Radionuclide Production Cross Section



22

Incident Energy (MeV)

27-Co-55